

Name:

Date:

Period:

Mitosis Diagrams with Steps – Animal and Plant Cell

Animal Cell

1. Interphase – parent cell
2. Early prophase – chromatids coil up
3. Middle prophase – chromatids joined at centromere
4. Late prophase – nuclear membrane disappears
5. Metaphase – spindle bundle; chromosomes line up in middle
6. Anaphase – chromosomes split apart
7. Early telophase – chromosomes completely apart
8. Late telophase – nuclear membrane reappears
9. Daughter cells – cytokinesis

Plant Cell

1. Interphase – parent cell
2. Early prophase – chromatids coil up
3. Late prophase – Nuclear membrane disappears; chromatids joined at centromere
4. Metaphase – spindle bundle; chromosomes line up in the middle
5. Early anaphase – chromosomes split apart
6. Early telophase – complete separation of chromosomes
7. Late telophase – nuclear membrane reappears
8. Daughter cells – cell plate forms; cytokinese